

Maths Calculation Methods



Addition

$$23454 + 596 = 24050$$

$$48.56 + 23.7 = 72.26$$

$$\begin{array}{r} 23454 \\ + \quad 596 \\ \hline 24050 \\ \hline 1 \quad 1 \quad 1 \end{array}$$

$$\begin{array}{r} 48.56 \\ + 23.70 \\ \hline 72.26 \\ \hline 1 \quad 1 \end{array}$$

Subtraction

$$2748 - 364 = 2384$$

$$72.5 - 45.73 = 26.77$$

$$\begin{array}{r} 2748 \\ - 364 \\ \hline 2384 \end{array}$$

$$\begin{array}{r} 72.50 \\ - 45.73 \\ \hline 26.77 \end{array}$$

Long Multiplication Written Method

Larger number on top of the column.

Step 2
Multiply the tens by the multiplier:
 40×2

Put the answer in the answer box.

$$\begin{array}{r} 46 \\ \times 2 \\ \hline 92 \\ \hline 1 \end{array}$$

Step 1
Multiply the ones first by the multiplier:
 6×2

Put the answer in the answer box.

As the answer of 6×2 has a ten, exchange the ten into the tens column. Don't forget to add the exchanged ten onto the answer.



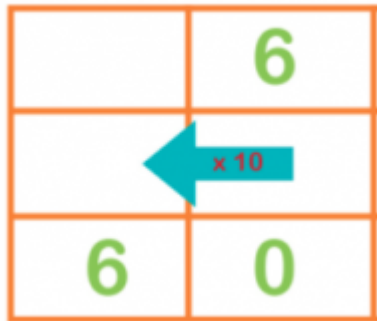
Division

$$258 \div 3 = 86$$

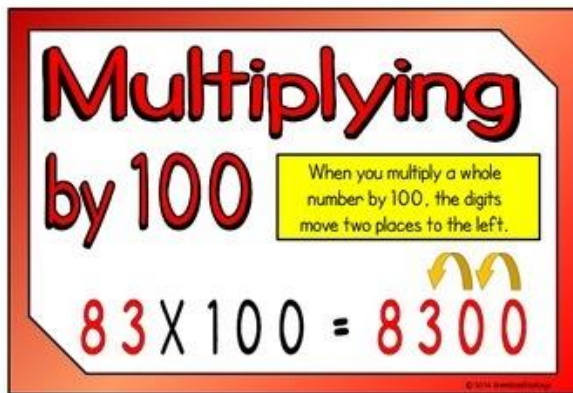
$$\begin{array}{r} 086 \\ 3 \overline{) 258} \end{array}$$

Short Division method

When multiplying by 10, move the place value digits one place to the left and put a zero in the ones column.



When multiplying by 100, move the place value digits two places to the left and put a zero in the ones and tens column.



| 10 000 | 1000 | 100 | 10 | 1 | ● | $\frac{1}{10}$ | $\frac{1}{100}$ | $\frac{1}{1000}$ |
|--------|------|-----|----|---|---|----------------|-----------------|------------------|
| | | | | | ● | | | |

Multiplying

X 10
X 100
X 1000

digits move LEFT 1 space
digits move LEFT 2 spaces
digits move LEFT 3 spaces



Dividing

÷ 10
÷ 100
÷ 1000

digits move RIGHT 1 space
digits move RIGHT 2 spaces
digits move RIGHT 3 spaces

